

Holds a B. Sc. in Mechanical Power Engineering and has over 34 years of cumulative experience in power generation plants detail engineering. While, the last 15 years he was involved in Project Management positions.

PERSONAL DATA

Nationality : Egyptian
Gender : Male

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 1988

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Negotiation workshop, Bechtel, Egypt (Jun. 2009).
- : Critical piping design, Bechtel, USA (8 months) (1995).
- : Mass and Heat Balance training in Ebasco Consultant Office, USA (Mar. 1992 – Jun. 1992).
- : Steam turbine familiarization in Westinghouse facilities, USA (Jun./Jul. 1992).
- : Steam Turbine Power Plant in Toshiba, Japan (Jan. 1990).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2021 till now
Employer : PGESCO
Projects : 3 simultaneous Fast Track Projects in Libya:

- Tobruk Simple Cycle Power Plant (4x185MW)
- Tripoli West Simple Cycle (4x185MW)
- Misurata Simple Cycle (2x330MW)

Job title : Projects Director

Job Description :

- Manage the Project team to perform the engineering design review activities, follow-up with the contractors the procurement activities and perform the construction management at site including the management of the start-up and commissioning activities.
- Coordinate with The Owner and the contractors to complete the Projects according to its target schedule and its budget.
- Follow-up the material delivery to the three sites (material tracking) and provide the owner with the different reports (progress reports and critical reports).
- Support the Owner during the contract hand over and close out phase.

Dates : From May 2020 till Dec. 2021

Employer : PGESCO

Project : Cairo West 1x650MW Supercritical Thermal Power Project

Job title : Project Manager

Job Description :

- Define the project scope and the objectives and establish the work plan for the project team.
- Supporting the Owner to secure and implement the project financing plan.
- Establishing a communications system among the project team.
- Direct and lead the Project team for completing the different project activities including, detail engineering, procurement, and the construction management.
- Prepare all detail engineering design activities, including, issue drawings, prepare specifications, prepare tender documents, issue for packages for bid, prepare the technical and commercial evaluation.
- Negotiate with the selected contractors.
- Prepare the contract documents.
- Managing and monitoring the contractor progress and monitor the project performance including cost and schedule.

Dates : From Nov. 2018 till Apr. 2020

Employer : PGESCO

Projects : 4 Projects in Libya:

- Benghazi West Combined Cycle (2x980MW)
- Bo Traba Combined Cycle (1x980MW)
- Al-Kufra 20MW Solar PV Power Plant
- Taminhint 50MW Solar PV Power Plant

Job title : Projects Manager

Job Description :

- Establish the Projects basic design including site selection, general arrangement drawings and layout drawings, heat and mass balance diagrams, single line diagrams, etc.
- Prepare the Projects Tender Documents and issue for bids.
- Answer and clarify all bidder's clarification questions.
- Issue the projects addenda as required.
- Perform the technical and commercial evaluation.
- Negotiation with the selected contractors.
- Prepare the contract documents.

Dates : From Jul. 2018 till Jun. 2019
Employer : PGESCO
Project : El-Hamraween Coal Fired Power Plants 6x1100MW
Job title : Project Engineering Manager
Job Description :

- The Contract was under development stage between the EEHC (Owner) and the Chinese main contractor JV SEC-DEC.
- Perform the Engineering services as required by the main contractor (the Chinese company) including the final engineering design for all civil works, BOP mechanical and Electrical equipments, firefighting, switchyard, desalination, water treatment and waste water treatment plant, etc.

Dates : From Sep. 2013 till Jun. 2018
Employer : PGESCO
Projects :

- Al-Shabab Add on conversion Project (2x250MW), Egypt
- West Damietta Add on conversion Project (1x250MW), Egypt

The projects were designed to convert existing gas turbines Frame E GE machines into combined cycle in 4x4x1 configuration with air cooled condensers.
Job title : Project Manager
Job Description :

- Define the project scope and the objectives and establish the work plan for the project team.
- Supporting the implementation of the project financing plan.
- Establish a communications system among the project team.
- Direct and lead the Project team for completing the different project activities including, detail engineering design, issue drawings, issue technical specifications, procurement, construction management.
- Managing and monitoring the project performance including cost and schedule.

Dates : From Jul. 2012 till Sep. 2023
Employer : PGESCO
Project : Banha Combined Cycle Project (1x750MW)
Job title : Project Manager
Job Description :

- Define the project scope and the objectives and establish the work plan for the project team.
- Establish a communications system among the project team.
- Direct and lead the Project team for completing the different project activities including detail engineering design, procurement, construction management.
- Managing and monitoring the project performance including cost and schedule.
- Supporting the implementation of the project financing plan.

Dates : From Aug. 2008 till Jul. 2012
Employer : PGESCO
Project : Abu Qir Thermal Power Plant 2x650MW

- Job title** : Deputy Project Manager
- Job Description** :
 - Define the project scope and the objectives and establish the work plan.
 - Establish a communications system among the project team.
 - Direct and lead the Project team for completing the different project activities including, detail engineering design, procurement, construction management.
 - Managing and monitoring the project performance including cost and schedule.
- Dates** : From Mar. 2006 till Jun. 2008
- Employer** : ACESCo
- Project** : Libya
- Job title** : Engineering Manager
- Job Description** :
 - Direct and lead the engineering team for completing the different projects engineering activities.
 - Review Projects status, solve technical problems and avail the man power required for executing the projects.
 - Establish the Engineering Training plan for both offshore and onshore.
 - Create, review and update as necessary the Engineering Design procedures.
 - Review with the Owner the projects status through weekly progress meeting.
 - Assist / advise the Owner by solving any technical problems.
- Dates** : From Oct. 2003 till Mar. 2006
- Employer** : PGESCo
- Projects** :
 - Talkha Combined Cycle Project (1x750MW), Egypt
 - El-Kureimat Combined Cycle Project (2x750MW), Egypt
- Job title** : Mechanical Supervisor
- Job Description** :
 - Prepare the Mechanical design criteria.
 - Prepare the projects P&IDs.
 - Prepare all mechanical technical specifications required for the project.
 - Prepare all mechanical calculation including the equipment sizing, wall thickness calculation, pressure drop calculation and pipe sizing.
 - Coordinate the available information with other disciplines.
 - Manage the budget hours.
 - Review Project schedule.
- Dates** : From Jan. 2002 till Oct. 2003
- Employer** : PGESCo
- Project** : Cairo North Combined Cycle Projects (2x750MW) (2x750MW), Egypt
- Job title** : Deputy Mechanical Supervisor
- Job Description** :
 - Prepare the Mechanical design criteria.
 - Prepare the projects P&IDs.
 - Prepare all technical specifications required for the project.
 - Prepare all mechanical calculation including the equipment sizing, wall thickness calculation, pressure drop calculation and pipe sizing.
 - Coordinate the available information with other disciplines.

- Manage the budget hours.
- Review Project schedule.

Dates : From 1998 till 2002
Employer : PGESCO
Project : Sidi Krir 3 & 4 First Boot Project, Bechtel USA
Job title : Mechanical Engineer
Job Description :

- Data Base Superuser.
- Responsible for piping line list, valve list and mechanical equipment line list.
- Responsible for the Main steam and extraction steam systems detail design.
- Responsible for Condensate and feed water systems detail design.
- Responsible for Piping class sheet and wall thickness calculation.
- Responsible for steam turbine, condenser, feedwater heaters, deaerator packages.
- Responsible for condensate pumps and feed water pumps packages.

Dates : From 2002 till 2003
Employer : PGESCO
Project : Al-Taweelah B Extension Cogeneration Projects, Bechtel USA
Job title : Mechanical Engineer
Job Description :

- Data Base Superuser.
- Responsible for piping line list, valve list and mechanical equipment line list.
- Responsible for the interface with the desalination package.
- Responsible for Condensate and feed water systems detail design.
- Responsible for Piping class sheet and wall thickness calculation.
- Responsible for service air and instrument air systems detail design.

Dates : From Sep. 1994 till 1997
Employer : PGESCO
Projects :

- Sidi Krir Units 1 & 2 (2x350MW), Thermal Power Project, Egypt
- Ayoun Moussa Units 1 & 2 (2x350MW), Thermal Power Project, Egypt

Job title : Mechanical Engineer
Job Description :

- Responsible for main steam, condensate and feed water systems detail design.
- Responsible for extraction steam and auxiliary steam system detail design.
- Responsible for the critical piping package including preparation of pressure drop calculation, wall thickness calculation, preparation of piping class sheet and different technical specifications.
- Responsible for data base creation and its update.
- P&IDs preparation.
- Steam turbine package including condenser, and feedwater heaters design review.

- Field of experience :**
- Wide mechanical background, which enabled him to achieved several duties in both engineering works and project management.
 - Responsible about coordination with the financing agencies and the Owner in order to secure the project finance, Project planning works such as budget, working staff, detail engineering deliverables, schedule and cost monitoring, procurement activities, engineering activities, negotiation with the selected contractors, contract preparation, material tracking, construction management, start-up and commissioning works, performance test and handing over the project to the clients and contract close out.